



State of Mississippi

AIR POLLUTION CONTROL PERMIT



To Construct Air Emissions Equipment

THIS CERTIFIES

Abby Manufacturing Company Inc
1100 Denmill Road
New Albany, MS
Union County

has been granted permission to construct air emissions equipment to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

Mississippi Environmental Quality Permit Board

Mississippi Department of Environmental Quality

Issued/Modified: JAN 23 2015

Expires:

Permit No. 2700-00042

Agency Interest # 8274

Table of Contents

Subject Item Inventory.....i

Facility Requirements.....1

General Information.....A-1

Other Relevant Documents:

To Construct Air Emissions Equipment

Abby Manufacturing Company Inc

Subject Item Inventory

Permit Number:2700-00042

Activity ID No.: PER20150002

Subject Item Inventory:

ID	Designation	Description
AI8274	2700-00042	Aluminum pressing and metal working
AREA1	AA-001	Bar Stock Sawing and Press Working
AREA2	AA-002	Zinc Stearate Tumbling
AREA3	AA-003	Bonderlube Line
AREA4	AA-004	Cleaning Line
EQPT1	AA-005	One (1) 2.93 MMBTU/hr Natural Gas Boiler No. 1
EQPT2	AA-006	One (1) 5.18 MMBTU/hr Natural Gas Boiler No. 2

KEY

ACT = Activity

AREA = Area

CONT = Control Device

IA = Insignificant Activity

MAFO = Animal Feeding Operation

RPNT = Release Point

WDPT = Withdrawal Point

AI = Agency Interest

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

IMPD = Impoundment

PCS = PCS

TRMT = Treatment

To Construct Air Emissions Equipment

Abby Manufacturing Company Inc

Facility Requirements

Permit Number:2700-00042

Activity ID No.: PER20150002

Page 1 of 11

AI0000008274 (2700-00042) Aluminum pressing and metal working:

Submittal/Action Requirements:

General Condition:

Condition No.	Condition
S-1	General Condition - The permittee shall submit certification of construction: Due within thirty (30) days of completion of construction or installation of an approved stationary source or prior to startup, whichever is earlier. The notification shall certify that construction or installation was performed in accordance with the approved plans and specifications. In the event there is any change in construction from the previously approved plans and specifications or permit, the permittee shall promptly notify MDEQ in writing. If MDEQ determines the changes are substantial, MDEQ may require the submission of a new application to construct with "as built" plans and specifications. Notwithstanding any provision herein to the contrary, the acceptance of an "as built" application shall not constitute a waiver of the right to seek compliance penalties pursuant to State Law. [APC-S-2 V.D]

Narrative Requirements:

General Condition:

Condition No.	Condition
T-1	General Condition: Nothing in this permit releases the permittee from liability for constructing or operating air emissions equipment in violation of any applicable statute, rule or regulation of state or federal environmental authorities. [APC-S-2 II.B(8)]
T-2	General Condition: The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. [APC-S-2 II.7]
T-3	General Condition: This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. Sufficient cause for this permit to be reopened shall exist when an air emissions stationary source becomes subject to Title V. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [APC-S-2 II.B(16)b]
T-4	General Condition: The permittee shall furnish to the MDEQ within a reasonable time any information the MDEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the MDEQ copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee shall furnish such records to the MDEQ along with a claim of confidentiality. [APC-S-2 II.B(16)d]

To Construct Air Emissions Equipment

Abby Manufacturing Company Inc

Facility Requirements

Permit Number:2700-00042

Activity ID No.: PER20150002

Page 2 of 11

AI0000008274 (continued):

Narrative Requirements:

General Condition:

Condition No.	Condition
T-5	General Condition: The Permit Board may require a permittee to submit an application for a Title V permit at any time the permittee becomes subject to Title V. [APC-S-2 II.B(3)]
T-6	General Condition: The stationary source shall be designed and constructed so as to operate without causing a violation of any Applicable Rules and Regulations or this permit, without interfering with the attainment and maintenance of State and National Ambient Air Quality Standards, and such that the emission of air toxics does not result in an ambient concentration sufficient to adversely affect human health and well-being or unreasonably and adversely affect plant or animal life beyond the stationary source boundaries. [11 Miss. Admin.Code Pt. 2, R.2.5.A.]
T-7	General Condition: It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit unless halting or reducing activity would create an imminent and substantial endangerment threatening the public health and safety of the lives and property of the people of this state. [APC-S-2 II.B(16)a]
T-8	General Condition: The permittee shall retain all required records, monitoring data, supported information and reports for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings or other data for continuous monitoring instrumentation, and copies of all reports required by this permit. Copies of such records shall be submitted to MDEQ as required by Applicable Rules and Regulations or this permit or upon request. [APC-S-2 II.IX]
T-9	General Condition: It is the responsibility of the permittee to obtain all other approvals, permits, clearances, easements, agreements, etc., which may be required including, but not limited to, all required local government zoning approvals or permits. [APC-S-2 II.C(6)]
T-10	General Condition: The knowing submittal of a permit application with false information may serve as the basis for the Permit Board to void the permit issued pursuant thereto or subject the applicant to penalties for constructing or operating without a valid permit. [APC-S-2 II.B(6)]

To Construct Air Emissions Equipment

Abby Manufacturing Company Inc

Facility Requirements

Permit Number:2700-00042

Activity ID No.: PER20150002

Page 3 of 11

AI0000008274 (continued):

Narrative Requirements:

General Condition:

Condition No.	Condition
T-11	<p>General Condition: Regarding compliance testing:</p> <p>(a) The results of any emissions sampling and analysis shall be expressed both in units consistent with the emission standards set forth in any Applicable Rules and Regulations or this permit and in units of mass per time.</p> <p>(b) Compliance testing will be performed at the expense of the permittee.</p> <p>(c) Each emission sampling and analysis report shall include but not be limited to the following:</p> <ol style="list-style-type: none">1. detailed description of testing procedures;2. sample calculation(s);3. results; and4. comparison of results to all Applicable Rules and Regulations and to emission limitations in the permit. [APC-S-2 VI]
T-12	<p>General Condition: The permittee must hold an effective Permit to Operate prior to startup of air emissions equipment at this source. In order to make the Operating Permit effective, the permittee must submit certification of construction in accordance with APC-S-2 V.D. [APC-S-2 V.A(5)]</p>
T-13	<p>General Condition: The permittee has been granted permission to construct air emissions equipment for the emissions of air contaminants to comply with the emission limitations, monitoring requirements and other conditions set forth herein. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder. Such air emissions equipment shall be constructed in accordance with design criteria in the application, plans, and other technical documents submitted with the application to construct. [APC-S-2 II.B(11)]</p>
T-14	<p>General Condition: Any activities not identified in the application are not authorized by this permit. [Miss. Code Ann. 49_17_29 1.b]</p>
T-15	<p>General Condition: All air pollution control facilities shall be designed and constructed such as to allow proper operation and maintenance of the facilities. [APC-S-2 V.A]</p>
T-16	<p>General Condition: The necessary facilities shall be constructed so that solids removed in the course of control of air emissions may be disposed of in a manner such as to prevent the solids from becoming windborne and to prevent the materials from entering State waters without the proper environmental permits. [Miss. Code Ann. 49_17_29]</p>

To Construct Air Emissions Equipment

Abby Manufacturing Company Inc

Facility Requirements

Permit Number:2700-00042

Activity ID No.: PER20150002

Page 4 of 11

AI0000008274 (continued):

Narrative Requirements:

General Condition:

Condition No.	Condition
T-17	General Condition: The air pollution control facilities shall be constructed such that diversion from or bypass of collection and control facilities is not needed except as provided for in Regulation 11 Miss. Admin. Code Pt.2, R. 1.10 "Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants", Section 10. [11 Miss. Admin. Code Pt. 2, R. 1.10]
T-18	General Condition: The construction of facilities shall be performed in such a manner so as to reduce both point source and fugitive dust emissions from construction activities to a minimum. [APC-S-2 V.A(4)]
T-19	General Condition: The permittee shall allow the Mississippi Environmental Quality Commission, the Mississippi Environmental Quality Permit Board, MDEQ staff and/or their authorized representatives, upon the presentation of credentials: a. To enter upon the permittee's premises where an air emission source is located or in which any records are required to be kept under the terms and conditions of this permit; and b. At reasonable times to have access to and copy any records required to be kept under the terms and conditions of this permit, to inspect any monitoring equipment or monitoring method required in this permit, and to sample any air emission. [Miss. Code Ann. 49_17_21]
T-20	General Condition: After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for good cause shown including, but not limited to, the following: a. Persistent violation of any terms or conditions of this permit; b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or c. A change in any condition that requires either a temporary or permanent reduction or elimination of previously authorized air emissions. [11 Miss. Admin.Code Pt. 2, R.2.2.C.]
T-21	General Condition: Except for data determined to be confidential under the Mississippi Air & Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Department of Environmental Quality Office of Pollution Control. [Miss. Code Ann. 49_17_39]
T-22	General Condition: The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations. [APC-S-2 II.B(16)c]
T-23	General Condition: This permit may only be transferred upon approval of the Mississippi Environmental Quality Permit Board. [APC-S-2 II.XIII]
T-24	General Condition: This permit is for air pollution control purposes only. [APC-S-2 I.C(1)]

To Construct Air Emissions Equipment

Abby Manufacturing Company Inc

Facility Requirements

Permit Number:2700-00042

Activity ID No.: PER20150002

Page 5 of 11

AI0000008274 (continued):

Narrative Requirements:

General Condition:

Condition No.	Condition
T-25	General Condition: Approval to construct will expire if construction does not begin within eighteen (18) months of the issuance of this permit, or if construction is suspended for eighteen (18) months or more. The Permit Board may extend this permit for such additional time it deems appropriate if, at the time of the extension request, the applicant can demonstrate it meets all requirements necessary to issue a new permit to construct. [APC-S-2 V.C]

To Construct Air Emissions Equipment

Abby Manufacturing Company Inc

Facility Requirements

Permit Number:2700-00042

Activity ID No.: PER20150002

Page 6 of 11

AREA0000000001 (AA-001) Bar Stock Sawing and Press Working:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: The permittee shall not cause, permit, or allow the emission from any manufacturing process, in any one hour from any point source, particulate matter in total quantities in excess of the amount determined by the relationship: $E=4.1(p)^{0.67}$ Where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour. [APC-S-1 3.6(a)]
L-2	Opacity	Opacity: The permittee shall have emissions of Opacity $\leq 40\%$ as determined by EPA Reference Method 9, 40 CFR 60, Appendix A. [APC-S-1 3.1]

To Construct Air Emissions Equipment

Abby Manufacturing Company Inc

Facility Requirements

Permit Number:2700-00042

Activity ID No.: PER20150002

Page 7 of 11

AREA0000000002 (AA-002) Zinc Stearate Tumbling:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: The permittee shall not cause, permit, or allow the emission from any manufacturing process, in any one hour from any point source, particulate matter in total quantities in excess of the amount determined by the relationship: $E=4.1(p)^{0.67}$ Where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour. [APC-S-1 3.6(a)]
L-2	Opacity	Opacity: The permittee shall have emissions of Opacity $\leq 40\%$ as determined by EPA Reference Method 9, 40 CFR 60, Appendix A. [APC-S-1 3.1]

To Construct Air Emissions Equipment

Abby Manufacturing Company Inc

Facility Requirements

Permit Number:2700-00042

Activity ID No.: PER20150002

Page 8 of 11

AREA0000000003 (AA-003) Bonderlube Line :

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: The permittee shall not cause, permit, or allow the emission from any manufacturing process, in any one hour from any point source, particulate matter in total quantities in excess of the amount determined by the relationship: $E=4.1(p)^{0.67}$ Where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour. [APC-S-1 3.6(a)]
L-2	Opacity	Opacity: The permittee shall have emissions of Opacity $\leq 40\%$ as determined by EPA Reference Method 9, 40 CFR 60, Appendix A. [APC-S-1 3.1]

To Construct Air Emissions Equipment

Abby Manufacturing Company Inc

Facility Requirements

Permit Number:2700-00042

Activity ID No.: PER20150002

Page 9 of 11

AREA0000000004 (AA-004) Cleaning Line :

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: The permittee shall not cause, permit, or allow the emission from any manufacturing process, in any one hour from any point source, particulate matter in total quantities in excess of the amount determined by the relationship: $E=4.1(p)^{0.67}$ Where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour. [APC-S-1 3.6(a)]
L-2	Opacity	Opacity: The permittee shall have emissions of Opacity $\leq 40\%$ as determined by EPA Reference Method 9, 40 CFR 60, Appendix A. [APC-S-1 3.1]

To Construct Air Emissions Equipment

Abby Manufacturing Company Inc

Facility Requirements

Permit Number:2700-00042

Activity ID No.: PER20150002

Page 10 of 11

EQPT0000000001 (AA-005) One (1) 2.93 MMBTU/hr Natural Gas Boiler No. 1:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: The maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations of less than 10 million BTU per hour heat input shall be Particulate Matter ≤ 0.6 lb/MMBTU per hour heat input. [APC-S-1 3.4(a)1]
L-2	Opacity	Opacity: The permittee shall have emissions of Opacity ≤ 40 % as determined by EPA Reference Method 9, 40 CFR 60, Appendix A. [APC-S-1 3.1]
L-3	Particulate Matter (10 microns or less)	Particulate Matter (10 microns or less): The maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations of less than 10 million BTU per hour heat input shall be Particulate Matter (10 microns or less) ≤ 0.6 lb/MMBTU per hour heat input. [APC-S-1 3.4(a)1]
L-4	Sulfur Dioxide	Sulfur Dioxide: For fuel burning installations in which the fuel is burned primarily to produce heat or power by indirect heat transfer, the permittee shall have emissions of Sulfur Dioxide ≤ 4.8 lb/MMBTU heat input. [APC-S-1 4.1(a)]

To Construct Air Emissions Equipment

Abby Manufacturing Company Inc

Facility Requirements

Permit Number:2700-00042

Activity ID No.: PER20150002

Page 11 of 11

EQPT0000000002 (AA-006) One (1) 5.18 MMBTU/hr Natural Gas Boiler No. 2:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	Particulate Matter	Particulate Matter: The maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations of less than 10 million BTU per hour heat input shall be Particulate Matter ≤ 0.6 lb/MMBTU per hour heat input. [APC-S-1 3.4(a)1]
L-2	Opacity	Opacity: The permittee shall have emissions of Opacity ≤ 40 % as determined by EPA Reference Method 9, 40 CFR 60, Appendix A. [APC-S-1 3.1]
L-3	Particulate Matter (10 microns or less)	Particulate Matter (10 microns or less): The maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations of less than 10 million BTU per hour heat input shall be Particulate Matter (10 microns or less) ≤ 0.6 lb/MMBTU per hour heat input. [APC-S-1 3.4(a)1]
L-4	Sulfur Dioxide	Sulfur Dioxide: For fuel burning installations in which the fuel is burned primarily to produce heat or power by indirect heat transfer, the permittee shall have emissions of Sulfur Dioxide ≤ 4.8 lb/MMBTU heat input. [APC-S-1 4.1(a)]

GENERAL INFORMATION

Abby Manufacturing Company Inc
1100 Denmill Road
New Albany, MS
Union County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
8274	Dover Elevator Systems	Historic Site Name	10/14/1997	3/5/2002
MSR000004226	Dover Elevator Systems	Hazardous Waste-EPA ID	10/14/1997	3/5/2002
8274	Abby Manufacturing Company, Inc.	Official Site Name	1/21/2015	
MSR000004226	HMC Metal Forming	Hazardous Waste-EPA ID	2/4/2005	
2814500042	Abby Manufacturing Company, Inc.	Air-AIRS AFS	7/15/2005	
MSR001717	HMC Metal Forming	GP-Baseline	8/18/2005	2/9/2007
270000042	HMC Metal Forming	Air-Construction	12/9/2005	1/23/2015
MSP092107	HMC Metal Forming	Water - Pretreatment	1/18/2006	11/17/2010
MSR001717	HMC Metal Forming	GP-Baseline	2/9/2007	11/29/2010
MSP092107	HMC Metal Forming	Water - Pretreatment	11/17/2010	10/31/2015
MSR001717	HMC Metal Forming	GP-Baseline	11/29/2010	9/28/2015
8274	HMC Metal Foaming	Historic Site Name	2/4/2005	1/21/2015
270000042	Abby Manufacturing Company Inc	Air-Construction	1/23/2015	

Basin: Yazoo River Basin

Location Description:PG - Plant Entrance (General) collected by dburchfiel on 09/04/0008 WAAS enabled. Please replace data currently in ensite with this new data. For whatever the reason, the longitude currently shown is off by one degree to the west.